



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 17, 2021

Amy Dugger-Webster
U.S. Regulatory Manager
BASF Corporation
P.O. Box 13528, 26 Davis Drive
Research Triangle Park, NC 27709

Subject: Registration Review Label Mitigation for Hydramethylnon
Product Name: Siege Gel Insecticide
EPA Registration Number: 241-313
Application Date: 03/17/2020
Decision Number: 560785

Dear Ms. Dugger-Webster:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Hydramethylnon Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently

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approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Quinn Gavin by phone at 703-347-0325, or via email at gavin.quinn@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure



RECOMMENDED FOR USE BY COMMERCIAL APPLICATORS

Syringe packaging is for use as a syringe or with other bait devices.

Cartridge packaging is for use with XACTADOSE® Precision Baiting System.

FOR USE IN AND AROUND HOMES, COMMERCIAL, INDUSTRIAL, OR INSTITUTIONAL AREAS

ACTIVE INGREDIENT: Hydramethylnon

[tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone(3-[4-(trifluoromethyl)phenyl]-1-(2-[4-(trifluoromethyl)phenyl]ethenyl)-2-propenylidene)hydrazone] 2.0%

INERT INGREDIENTS 98.0%

TOTAL 100.0%

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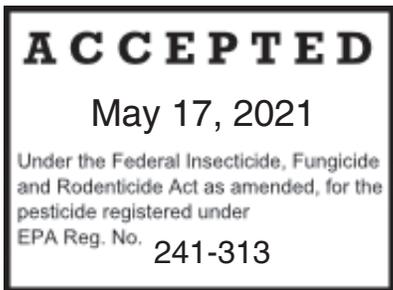
EPA Est. No.

Keep out of reach of children.

CAUTION!

See additional **First Aid, Precautionary Statements** and **Directions for Use**
Use Only in Areas Not Easily Accessible to Children and Pets.

Net weight:



FIRST AID

If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment.
In case of emergency, call day or night 800-832-HELP (4357).

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION!

May be harmful if swallowed. Avoid contact with skin and clothing. Wash hands thoroughly after handling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Wrap used cartridge and place in a trash can.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates.

Directions For Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product by any method not specified on this label.

Do not apply this product in a way that will contact any person or pet.

SIEGE® Gel insecticide may be used as a spot or crack and crevice treatment for the control of cockroaches (including carbamate, organophosphate and pyrethroid resistant strains) in and around homes and the non-food/feed areas of institutional, warehousing and commercial establishments (such as groceries and supermarkets; meat, poultry and shell egg grading plants; hotels and motels; hospitals and nursing homes; schools; laboratories; computer facilities; sewers; buses, boats, ships, trains, and planes; pet shops; and zoos).

Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

SIEGE Gel insecticide may be used only as a crack and crevice treatment in food/feed areas of restaurants and other commercial or institutional food handling establishments, and food manufacturing, processing, storage and warehousing facilities. Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) and distribution facilities. Serving areas (when food is exposed and facility

is in operation) are also considered food areas. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.

APPLICATIONS OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD/FEED-HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

Keep exposed gel away from open food and food contact surfaces. Do not place treatments in locations where routine cleansing operations may transfer diluted bait to food or food preparation surfaces. Do not apply gel to areas where food, food utensils or food processing/food preparation surfaces may become contaminated. Do not apply to areas that are routinely washed such as: cracks and crevices in tops of tables, food preparation, and prepared food holding surfaces, as gel may be removed by washing. Do not apply to surfaces where the temperature exceeds 130°F. Examples include, but are not limited to, portions of stoves, ovens, grills, fume hoods, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers and hot water pipes. Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove gel and wash exposed surface promptly. Do not apply gel to areas which have been recently sprayed with insecticide, and do not spray insecticide over gel as it may cause the bait to become repellent.

Resistance Management

For resistance management, **SIEGE Gel insecticide** contains a **Group 20** insecticide. Any insect population may contain individuals naturally resistant to **SIEGE Gel insecticide** and other **Group 20** insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same area. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **SIEGE Gel insecticide** or other **Group 20** insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.

- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- Contact your local BASF representative, extension specialist, or certified crop advisor if resistance is suspected.

Application Rate

Application rate is dependent on level of infestation and species to be controlled. Numerous smaller placements will provide faster control than few larger spots, especially for German cockroach control. Pest population reduction will be apparent within a week or less. Cockroaches become lethargic after ingesting the bait and some may be seen during daylight hours.

For Syringe or Cartridge:

Cockroach Species	Application Rate (g/m ² infested surface areas)	Application Method
Small, such as German or brown-banded	0.25 - 0.50	Thin film or small spots
Large, such as American, smoky-brown or Oriental	0.5 - 1.0	Larger spots

The lower application rate should be used for low to moderate infestations and the higher rate for more severe infestations. Gel placements should be at or near harborage or aggregation areas, such as cracks and crevices, corners, or areas of movement.

Outdoor Use Directions: For use outdoors to control smokybrown, American, oriental, woods, and other outdoor cockroach species. Apply bait to likely points of entry or harborage sites, such as: the cracks and crevices around windows, doors, porches, sills and screens; holes where pipes or utilities enter a structure; expansion joints; beneath siding or shingles; around firewood piles; eaves; attic or soffit vents; weep holes in masonry; and similar sites. Also, apply bait in likely breeding areas, such as tree holes, behind palm fronds, basements, crawlspaces, attics, garages, or similar sites.

Priority treatment areas may be identified by visual inspection of such areas listed above or aided by trapping techniques or spot flushings.

To apply gel, remove the cap on nozzle, touch the application tip to surface, and apply. Recapping the application tip after treatment is completed is recommended to preserve bait freshness. The bait will adhere to non-greasy or non-dusty surfaces and will remain palatable to cockroaches for at least 6 months. Repeat treatments as necessary to maintain adequate control.

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Reduced performance or other unintended consequences may result from external factors such as environmental conditions, presence of other materials, or the use or application of the product contrary to label instructions all of which are beyond the control of BASF Corporation (BASF). All such risks shall be assumed by the user. BASF warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

BASF makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

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Supersedes: NVA 2012-04-160-0012

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

**BASF**
We create chemistry